

# ARCHERY ELK

A total of 106 resident licenses were issued for the 2014 Archery Elk season. All license holders were sent a survey at the end of the season and 93 responded for an 88% response rate. Approximately 72% of responding hunters used the Internet.

Respondents reported hunting an average of 11.68 days for a total of 1,238 days of recreation. The projected harvest was 38 bulls and 4 cows for an overall success rate of 40%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.61 for the season. Approximately 92% of responding hunters reported hunting on public land, 4% on private land they did not own, and 3% on private land they owned.

Prior to 2002 it was assumed that any hunter that did not report harvesting an elk at the mandatory check-in was unsuccessful, and success was measured by dividing the number of hunters that reported harvesting an elk by the total number of tags issued.

## Summary comparison of the 2005-2014 Archery Elk seasons

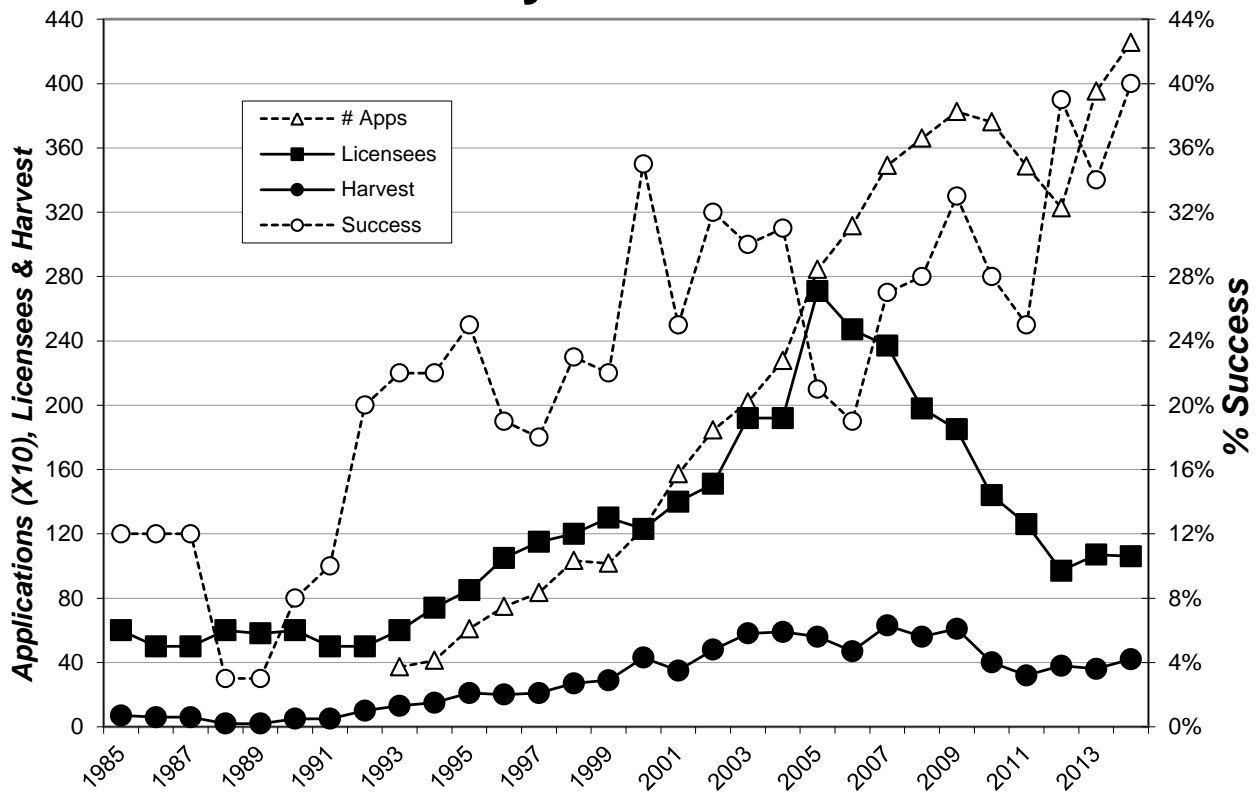
Year	# Apps 1 <sup>st</sup> Choice	Licenses Sold	Harvest			Success Rate	Avg. Days Hunted	Average Satisfaction
			Bulls	Cows	Total			
2005	2,844	267	42	14	56	21%	10.10	5.39
2006	3,116	247	30	17	47	19%	10.00	5.12
2007	3,491	237	41	22	63	27%	10.58	5.27
2008	3,660	202	47	9	56	28%	10.87	5.31
2009	3,826	185	52	9	61	33%	10.29	5.52
2010	3,761	144	34	6	40	28%	11.88	5.16
2011	3,486	126	24	8	32	25%	11.42	5.01
2012	3,228	97	33	4	38	39%	11.94	5.34
2013	3,952	107	33	3	36	34%	11.97	5.59
2014	4,256	106	38	4	42	40%	11.68	5.61

## 2014 Archery Elk Harvest Projections

Last Revised: 26 Feb 2015

Resident Licenses						Harvest Projections						Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most			
Appl. 1st						Bull	Cow	Total Elk		Elk Shot Not	Public			Own	Other		
Unit/Type	Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Calves	Calves	Harvested	Cl (95%)	Recovered					
H1A-21	583	20	20	90%	22%	4	0	0	0	4	+/-1	1	5.8	12.0	19	0	1
H1A-23	12	5	5	100%	0%	0	0	0	0	0	+/-0	0	5.0	13.4	5	0	0
H2A-21	3,118	50	50	94%	53%	26	1	0	0	27	+/-2	9	5.7	12.2	48	2	0
H2A-23	24	5	5	40%	50%	0	3	0	0	3	+/-3	0	7.0	4.5	5	0	0
H3A-21	386	15	14	100%	43%	5	0	1	0	6	+/-0	2	5.3	10.1	10	1	3
H3A-23	8	5	5	40%	0%	0	0	0	0	0	+/-0	0	4.0	8.5	5	0	0
H5A-21	30	2	2	50%	0%	0	0	0	0	0	+/-0	0	1.0	14.0	2	0	0
H7A-21	95	5	5	80%	50%	3	0	0	0	3	+/-1	0	6.3	12.3	5	0	0
4,256		107	106	87.7%	39.7%	37	4	1	0	42	+/- 7	12	5.61	11.68	98	3	5
The response rate for all units combined is:					87.7%												
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																	
* Number of 1st drawing applicants with that unit as 1st choice.																	

# Archery Elk 1985-2014



# **BLACK HILLS FIREARM ELK**

A total of 664 licenses were issued for the 2014 Black Hills Firearm Elk season. All license holders were sent a survey at the end of the season and 582 responded for an 88% response rate (1 survey was undeliverable). Approximately 72% responded using the Internet.

Respondents reported hunting an average of 5.85 days which projects to a total of 3,884 days of recreation for the season. The projected harvest was 295 bulls and 178 cows for an overall success rate of 71%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.46 for the season. Approximately 88% of responding hunters reported hunting on public land, 5% on private land they did not own, and 7% on private land they owned.

Prior to 2002 it was assumed that any hunter that did not report harvesting an elk at the mandatory check in was unsuccessful, and success was measured by dividing the number of hunters that reported harvesting an elk by the total number of tags issued.

## Summary comparison of the 2005-2014 Black Hills Firearm Elk seasons

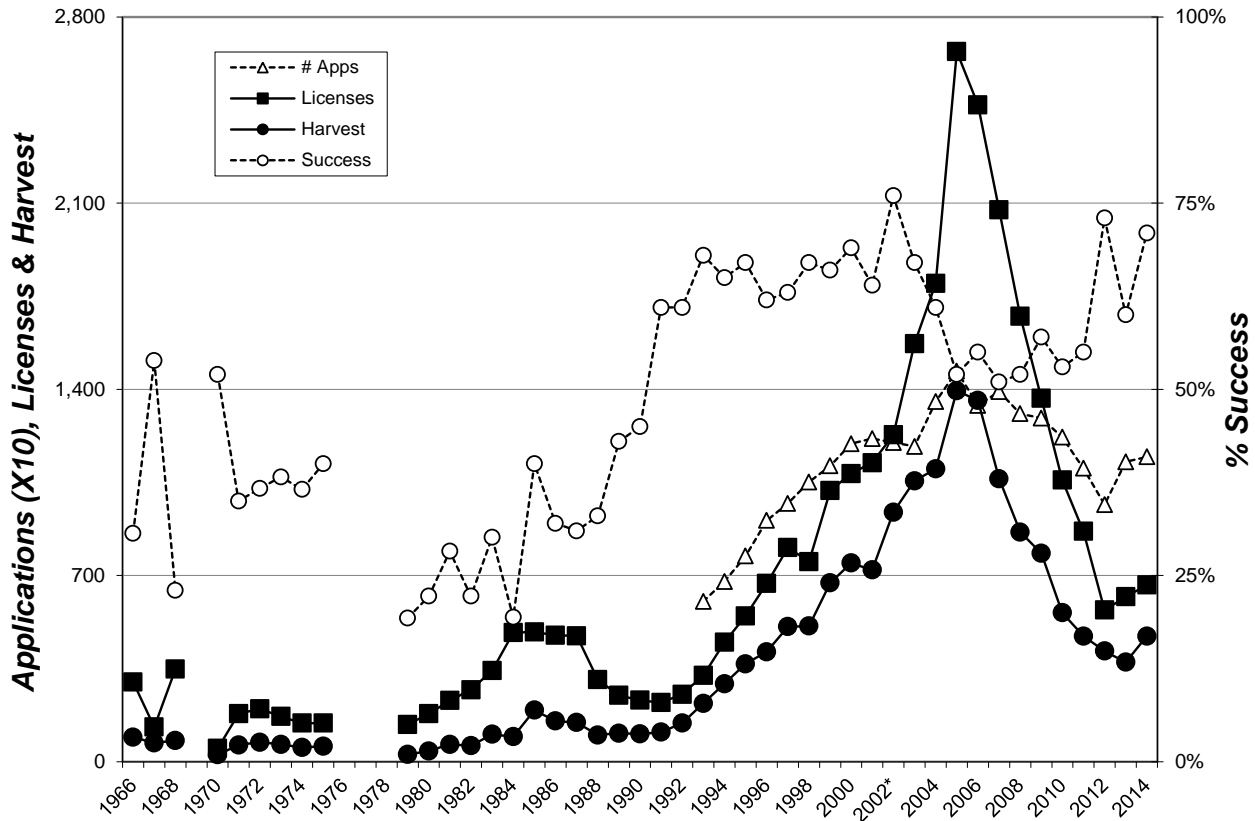
Year	# Apps 1 <sup>st</sup> Choice	Licenses Sold	Harvest			Success Rate	Avg. Days Hunted	Average Satisfaction
			Bulls	Cows	Total			
2005	14,687	2,670	511	884	1,395	52%	6.04	4.83
2006	13,392	2,470	525	833	1,358	55%	6.18	4.55
2007	13,916	2,075	559	505	1,064	51%	6.77	4.52
2008	13,083	1,675	473	390	863	52%	6.57	4.62
2009	12,915	1,366	404	379	783	57%	6.38	4.70
2010	12,197	1,059	300	260	560	53%	6.64	4.47
2011	11,031	866	299	173	472	55%	6.80	4.64
2012	9,665	570	291	125	416	73%	6.37	5.30
2013	11,274	620	272	103	374	60%	6.63	4.65
2014	11,461	664	295	178	472	71%	5.85	5.46

## 2014 Black Hills Firearm Elk Harvest Projections

Last Revised: 26 Feb 2015

Resident Licenses						Harvest Projections						Elk Shot Not Recovered	Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most		
Unit/Type	Appl. 1 <sup>st</sup> Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Calves	Calves	Total Elk Harvested	CI (95%)				Public	Own	Other
H1A-21	1,108	75	76	84%	65%	42	7	0	0	49	+/-4	4	5.24	8.0	70	4	1
H1C-23	47	40	40	90%	39%	0	13	2	0	16	+/-2	1	4.51	6.0	37	0	0
H2A-21	8,230	250	249	92%	85%	183	24	3	2	212	+/-3	11	5.99	6.0	235	5	3
H2C-23	197	50	50	84%	64%	0	27	2	2	32	+/-3	4	5.46	3.9	46	0	0
H2E-23	229	100	96	84%	74%	0	65	1	5	71	+/-4	8	5.55	4.4	92	0	0
H3A-21	1,310	80	80	91%	67%	46	8	0	0	54	+/-3	8	4.80	6.6	39	31	9
H3E-23	72	60	58	76%	45%	0	20	4	3	26	+/-4	1	4.55	4.9	33	3	16
H5A-21	71	5	5	100%	40%	2	0	0	0	2	+/-0	0	4.00	14.6	4	1	0
H7A-21	197	10	10	90%	100%	9	1	0	0	10	+/-0	0	6.75	2.8	6	1	2
<b>TOTAL</b>	<b>11,461</b>	<b>670</b>	<b>664</b>	<b>87.8%</b>	<b>71.1%</b>	<b>282</b>	<b>166</b>	<b>13</b>	<b>12</b>	<b>472</b>	<b>+/- 22</b>	<b>36</b>	<b>5.46</b>	<b>5.85</b>	<b>564</b>	<b>46</b>	<b>30</b>
The response rate for all units combined is: 87.8%																	
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																	
* Number of 1st drawing applicants with that unit as 1st choice.																	
															88%		
															7%		
															5%		

# Black Hills Firearm Elk 1966-2014



# **PRAIRIE FIREARM ELK**

A total of 92 licenses were issued for the 2014 Prairie Firearm Elk season. All license holders were sent a survey at the end of the season and 81 responded for an 88% response rate. Approximately 72% responded using the Internet.

Respondents reported hunting an average of 3.73 days for a total of 343 days of recreation. The projected harvest was 33 bulls and 25 cows for an overall success rate of 64%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.31 for the season.

Approximately 18% of responding hunters reported hunting mostly on public land, 63% on private land they did not own, and 20% on private land they owned.

## Summary comparison for 2005-2014 Prairie Firearm Elk seasons

YEAR	Licenses Sold	Harvest			Success	Avg. Days Hunted	Average Satisfaction
		Bulls	Cows	Total			
2005	89	20	22	42	47%	6.20	4.92
2006	76	20	21	41	54%	5.62	4.30
2007	76	19	16	35	46%	5.87	4.58
2008	76	18	17	35	46%	7.46	4.29
2009	133	29	22	51	38%	5.31	4.17
2010	134	24	27	51	38%	3.92	4.00
2011	128	20	15	35	27%	4.03	4.02
2012	97	26	20	46	47%	5.22	4.72
2013	96	18	13	30	32%	4.81	4.15
2014	92	33	25	59	64%	3.73	5.31

## 2014 Prairie Firearm Elk Harvest Projections

*Last Revised: 26 Feb 2015*

Resident Licenses						Harvest Projections						Elk Shot Not Recovered	Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most						
Appl. 1st						Bull				Total Elk Harvested	CI (95%)				Public	Own	Other Private				
Unit/Type	Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Calves	Calves												
09A-21	342	20	20	95%	74%	9	5	0	0	15	+/-1	1	5.3	6.9	0	6	14				
09A-23	9	10	9	100%	78%	0	5	2	0	7	+/-0	0	6.0	8.6	0	0	8				
11A-23	14	8	8	75%	50%	0	4	0	0	4	+/-2	0	5.2	1.7	0	0	7				
11B-21	356	10	10	100%	70%	7	0	0	0	7	+/-0	0	5.3	5.1	2	3	5				
11C-21	143	5	5	80%	100%	5	0	0	0	5	+/-0	0	6.5	3.3	0	1	4				
11D-23	17	8	8	75%	100%	0	8	0	0	8	+/-0	0	6.2	5.5	1	0	7				
15A-21	228	10	10	80%	63%	6	0	0	0	6	+/-2	0	5.1	5.1	0	1	9				
15A-23	18	10	10	90%	33%	0	2	0	1	3	+/-1	0	5.1	8.1	0	3	7				
27A-21	467	10	10	80%	38%	4	0	0	0	4	+/-2	0	5.0	7.0	5	3	1				
30A-21	131	2	2	100%	0%	0	0	0	0	0	+/-0	0	1.0	12.5	2	0	0				
1,725						93	92	88.0%	64.2%	31	24	2	1	59	+/- 7	1	5.31	3.73	10	11	36
The response rate for all units combined is:						88.0%						18%						20%	63%		
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																					
* Number of 1st drawing applicants with that unit as 1st choice.																					

# **CUSTER STATE PARK ARCHERY ELK**

A total of 4 resident licenses were issued for the 2014 CSP Early Archery Elk season which was open from September 1-30. There was no Late CSP Archery season in 2014.

Respondents reported hunting an average of 8.8 days for a total of 35 days of recreation. All hunters reported harvesting adult bulls.

Summary comparison of the 2005-2013 seasons

<b>Year</b>	<b>Applications</b>	<b>Licenses</b>	<b>Bull Harvest</b>	<b>Cow Harvest</b>	<b>Success</b>	<b>Avg. Days Hunted</b>
2005	3,947	57	6	3	16%	8.63
2006	4,519	56	13	0	27%	7.81
2007	4,862	58	3	1	8%	9.30
2008	5,083	58	8	0	16%	8.74
2009	5,141	58	5	3	15%	10.4
2010	4,898	35	0	0	0%	11.2
2011	3,863	18	1	0	6%	7.8
2012	2,077	3	0	0	0%	14.0
2013	2,740	3	3	0	100%	9.3
2014	3,023	4	4	0	100%	8.8

# **CUSTER STATE PARK FIREARM ELK**

A total of 4 resident licenses were issued for the 2014 CSP Firearm Elk season which was open from September 20 – October 5. There was no Antlerless CSP Firearm season in 2014.

Respondents reported hunting an average of 1 day for a total of 4 days of recreation. Three hunters responded and reported harvesting adult bulls.

Summary comparison of the 2005-2014 seasons

<b>Year</b>	<b>Applications</b>	<b>Licenses</b>	<b>Bull Harvest</b>	<b>Cow Harvest</b>	<b>Success</b>	<b>Avg. Days Hunted</b>
2005	14,931	166	43	86	78%	3.21
2006	14,278	167	41	91	79%	3.11
2007	15,116	101	38	31	68%	3.70
2008	14,634	76	37	21	77%	3.33
2009	14,364	56	30	20	89%	4.10
2010	13,342	26	14	6	80%	3.80
2011	8,019	11	10	0	91%	5.50
2012	6,582	4	4	0	100%	1.75
2013	7,860	4	3	1	100%	2.00
2014	8,084	4	4	0	100%	1.00